

Substitute Form PTO-1449 (Modified)  U.S. Department of Commerce Patent and Trademark Office  <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	Attorney's Docket No. 17106-024001 (24745-1613)	Application No. 10/099,700 Conf. No. 4309
	Applicant Edwin L. Madison, et al.	
	Filing Date March 13, 2002	Group Art Unit 1652 Customer No 20985

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
WWM	A	60/257,495		Zerhusen et al.	435	6	12/21/00
WWM	B	2003-0175938	9/18/03	Shi et al.	435	193	
WWM	C	2003-0232349	12/18/02	Delegeane et al.	435	226	

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
WWM	D	WO 03/104391	12/18/03	PCT	—	—		
WWM	E	WO 04/005471	1/15/04	PCT	—	—		

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
WWM	F	Bork, P., "Powers and Pitfalls in Sequence Analysis: the 70% Hurdle," <i>Genome Research</i> 10: 398-400 (2000)
	G	Broun et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids," <i>Science</i> 282:1315-1317 (1998)
	H	Bryan, Philip N., "Protein engineering of subtilisin," <i>Biochimica et Biophysica Acta</i> 1543:203-222 (2000)
	I	Lu et al., "Crystal Structure of Enteropeptide Light Chain Complexed with an Analog of the Trypsinogen Activation Peptide," <i>J. Mol. Biol.</i> , 292:361-373 (1999)
	J	Ngo et al. "Computational Complexity, Protein Structure Prediction, and the Levinthan Paradox," Chapter 14 in <i>The Protein folding problem and tertiary structure prediction</i> Kenneth M. Merz, Jr. and Scott M. Le Grand (Eds.) Boston: Birkhäuser pp. 433-506 (1994)
	K	Nienaber et al., "Re-engineering of Human Urokinase Provides a System for Structure-based Drug Design at High Resolution and Reveals a Novel Structural Subsite," <i>The Journal of Biological Chemistry</i> , 275 (10):7239-7248 (2000)
	L	Sommerhoff, et al., "The structure of the human $\beta$ II-tryptase tetramer: fo(u)r better or worse," <i>Proc Natl Acad Sci U.S.A.</i> , 96:10984-10991 (1999)
	M	Van de Loo et al. "An oleate 12-hydroxylase from Ricinus communis L. is a fatty acyl desaturase homolog," <i>Proc. Natl. Acad. Sci. USA</i> 92:6743-6747 (1995)
	N	Venekei et al., "Attempts to convert chymotrypsin to trypsin," <i>FEBS Letters</i> 379, 143-147 (1996)
✓	O	Wikowski et al., "Conversion of a $\beta$ -Ketoacyl Synthase to a Malonyl Decarboxylase by Replacement of the Active-Site Cysteine with Glutamine," <i>Biochemistry</i> 38:11643-11650 (1999)
WWM	P	Xu et al., "Mutational Analysis of the Primary Substrate Specificity Pocket of Complement Factor B," <i>THE JOURNAL OF BIOLOGICAL CHEMISTRY</i> , 275 (1):378-385 (2000)

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Examiner Signature <i>William W. Moore</i>	Date Considered <i>2 September 2004</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. NUCLEIC ACID MOLECULES ENCODING A TRANSMEMBRANE SERINE PROTEASE 7, THE ENCODED POLYPEPTIDES AND METHODS BASED THEREON	

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24745-1613		SERIAL NO. 10/099,700	
	APPLICANT Madison <i>et al.</i>		CUST. NO. 24961	CONF. NO. 4309
	FILING DATE March 13, 2002		GROUP NO. 1652	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
WWM	A	0	0	0	1	8	0	1	01/01/04	Madison <i>et al.</i>	424	85.1	05/23/02
	B	0	0	5	0	2	5	1	03/13/03	Semple <i>et al.</i>	514	19	03/05/02
	C	0	0	7	7	6	9	7	04/24/03	Gerlack <i>et al.</i>	435	69.1	07/03/01
	D	0	1	1	9	1	6	8	06/26/03	Madison <i>et al.</i>	435	226	02/02/01
	E	0	1	3	4	2	9	8	07/17/03	Madison <i>et al.</i>	435	6	07/30/02
	F	0	1	3	4	7	9	4	07/17/03	Madison <i>et al.</i>	514	12	11/20/02
	G	0	1	4	3	2	1	9	07/31/03	Madison <i>et al.</i>	424	94.67	10/08/02
	H	0	1	6	6	8	5	1	09/04/03	Madison <i>et al.</i>	530	350	03/27/02
	I	0	1	8	1	6	5	8	09/25/03	Madison <i>et al.</i>	530	350	03/20/02
↓	J	0	1	8	6	3	2	9	10/02/03	Madison <i>et al.</i>	435	7.1	01/21/03
WWM	K	0	2	3	5	9	0	0	12/25/03	Madison <i>et al.</i>	435	226	05/14/02

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
WWM	L	0	3	0	3	1	5	85	04/17/03	PCT	—	—		
WWM	M	0	3	0	4	4	1	79	05/30/03	PCT	—	—		

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WWM	N	Bergstrom <i>et al.</i> , "Binding of nonphysiological protein and peptide substrates to proteases: differences between urokinase-type plasminogen activator and trypsin and contributions to the evolution of regulated proteolysis", <i>Biochem.</i> , 42:5395-402 (2003)											
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EXAMINER

William W. Moore

DATE CONSIDERED

2 September 2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Title: NUCLEIC ACID MOLECULES ENCODING A TRANSMEMBRANE SERINE PROTEASE 7, THE ENCODED POLYPEPTIDES AND METHODS BASED THEREON